Journal of Animal Ecology 2005
74, 1199–1205

Index

STANDARD PAPERS

Abramsky, Z., Rosenzweig, M.L., Elbaz, M. & Ziv, Y. Does interspecific competition from congeners cause the scarcity of *Gerbillus henleyi* in productive sandy desert habitats?, 567

Abu-Madi, M.A. *see* **Behnke, J.M.**

Albon, S.D. *see* **Nussey, D.H.**

Alexander, C.J. *see* **Winder, L.**

Allen, P.E. *see* **Winkler, D.W.**

Allen, R.B. *see* **Ruscoe, W.A.**

Andersen, R. *see* **Asbjørnsen, E.J.**

Anderson, M.J., Connell, S.D., Gillanders, B.M., Diebel, C.E., Blom, W.M., Saunders, J.E. & Landers, T.J. Relationships between taxonomic resolution and spatial scales of multivariate variation, 636

Andreotti, G. *see* **Baglione, V.**

Appleton, G.F. *see* **Gunnarsson, T.G.**

Ardia, D.R. Individual quality mediates trade-offs between reproductive effort and immune function in tree swallows, 517

Arditi, R. *see* **Jost, C.**

Arim, M. & Jaksic, F.M. Productivity and food web structure: association between productivity and link richness among top predators, 31

Armstrong, D.P., Davidson, R.S., Perrott, J.K., Roygard, J. & Buchanan, L. Density-dependent population growth in a reintroduced population of North Island saddlebacks, 160

Armstrong, J.D. *see* **Maclean, A.**

Asbjørnsen, E.J., Sæther, B.-E., Linnell, J.D.C., Engen, S., Andersen, R. & Bretten, T. Predicting the growth of a small introduced muskox population using population prediction intervals, 612

Bacher, S. *see* **Schenk, D.**

Bacon, P.J., Gurney, W.S.C., Jones, W., McLaren, I.S. & Youngson, A.F. Seasonal growth patterns of wild juvenile fish: partitioning variation among explanatory variables, based on individual growth trajectories of Atlantic salmon (*Salmo salar*) parr, 1

Baglione, V., Marcos, J.M., Canestrari, D., Griesser, M., Andreotti, G., Bardini, C. & Bogliani, G. Does year-round territoriality rather than habitat saturation explain delayed natal dispersal and cooperative breeding in the carrion crow?, 842

Banks, P.B. *see* **Korpimäki, E.**

Barbraud, C. *see* **Beauplet, G.**

Bardini, C. *see* **Baglione, V.**

Barg, J.J., Jones, J. & Robertson, R.J. Describing breeding territories of migratory passerines: suggestions for sampling, choice of estimator, and delineation of core areas, 139

Barnett, P. *see* **MacLeod, R.**

Barrett, R.T. *see* **Sandvik, H.**

Beauplet, G., Barbraud, C., Chambellant, M. & Guinet, C. Interannual variation in the post-weaning and juvenile survival of subantarctic fur seals: influence of pup sex, growth rate and oceanographic conditions, 1160

Beebee, T.J.C. *see* **Rowe, G.**

Begon, M. *see* **Carslake, D.**

Behnke, J.M., Gilbert, F.S., Abu-Madi, M.A. & Lewis, J.W. Do the helminth parasites of wood mice interact?, 982

Benmayor, R. *see* **Bonsall, M.B.**

Bennett, M. *see* **Carslake, D.**

Bernstein, C. *see* **Ney-Nifle, M.**

Bersier, L.-F. *see* **Schenk, D.**

Bezemer, T.M. *see* **Soler, R.**

Bilton, D.T. *see* **McAbendroth, L.**

Birchall, J., O'Connell, T.C., Heaton, T.H.E. & Hedges, R.E.M. Hydrogen isotope ratios in animal body protein reflect trophic level, 877

Bjørgesæter, A. *see* **Gray, J.S.**

Bjørnstad, O.N. *see* **Johnson, D.M.**

Bjelke, U. & Herrmann, J. Processing of two detritus types by lake-dwelling shredders: species-specific impacts and effects of species richness, 92

Blackburn, T.M. *see* **Cassey, P.**

Blom, W.M. *see* **Anderson, M.J.**

Bogliani, G. *see* **Baglione, V.**

Bonenfant, C. *see* **Loe, L.E.**

Bonsall, M.B. & Benmayor, R. Multiple infections alter density dependence in host–pathogen interactions, 937

Bonsall, M.B., Sait, S.M. & Hails, R.S. Invasion and dynamics of covert infection strategies in structured insect–pathogen populations, 464

Both, C., Dingemanse, N.J., Drent, P.J. & Tinbergen, J.M. Pairs of extreme avian personalities have highest reproductive success, 667

Boutin, S. *see* **McLoughlin, P.D.**

Bown, K. *see* **Carslake, D.**

Bradley, D.C. *see* **Lancaster, J.**

Bregnballe, T. *see* **Engen, S.**

Bretten, T. *see* **Asbjørnsen, E.J.**

Buchanan, L. *see* **Armstrong, D.P.**

Buckley, L.B. & Roughgarden, J. Effect of species interactions on landscape abundance patterns, 1182

Bukovinszky, T. *see* **Gols, R.**

Calenge, C. *see* **Loe, L.E.**

Canestrari, D. *see* **Baglione, V.**

Carslake, D., Bennett, M., Bown, K., Hazel, S., Telfer, S. & Begon, M. Space–time clustering of cowpox virus infection in wild rodent populations, 647

Cassey, P., Blackburn, T.M., Duncan, R.P. & Lockwood, J.L. Lessons from the establishment of exotic species: a meta-analytical case study using birds, 250

© 2005 British Ecological Society

Caswell, H. *see* **Hunter, C.M.**
Chambellant, M. *see* **Beauplet, G.**
Choquenot, D. *see* **Ruscoe, W.A.**
Clark, J.A. *see* **MacLeod, R.**
Clarke, K.R. *see* **Ellingsen, K.E.**
Clobert, J. *see* **Le Galliard, J.-F.**
Clutton-Brock, T.H. *see* **Nussey, D.H.**
Clutton-Brock, T.H. *see* **Tavecchia, G.**
Connell, S.D. *see* **Anderson, M.J.**
Coulson, T. *see* **Tavecchia, G.**
Coulson, T., Gaillard, J.-M. & Festa-Bianchet, M. Decomposing the variation in population growth into contributions from multiple demographic rates, 789
Craze, P.G. *see* **Memmott, J.**
Cresswell, W. *see* **MacLeod, R.**
Cunjak, R.A. *see* **Imre, I.**

Darnaude, A.M. Fish ecology and terrestrial carbon use in coastal areas: implications for marine fish production, 864
Davidson, R.S. *see* **Armstrong, D.P.**
De Block, M. *see* **Stoks, R.**
De Rooij, S.R. *see* **Van Gils, J.A.**
Dekinga, A. *see* **Van Gils, J.A.**
Delorme, D. *see* **Pettorelli, N.**
Demas, G.E. *see* **Grindstaff, J.L.**
Devulder, G. *see* **Jost, C.**
Diebel, C.E. *see* **Anderson, M.J.**
Dierschke, V. *see* **Schmaljohann, H.**
Dijkstra, C. *see* **Müller, W.**
Dingemanse, N.J. *see* **Both, C.**
Drent, P.J. *see* **Both, C.**
Drent, R. *see* **Van Gils, J.A.**
Duncan, P. *see* **Pettorelli, N.**
Duncan, R.P. *see* **Cassey, P.**
Dunford, J.S. *see* **McLoughlin, P.D.**

Eising, C.M. *see* **Müller, W.**
Elbaz, M. *see* **Abramsky, Z.**
Eliassen, S. *see* **Fiksen, Ø.**
Elkinton, J.S. *see* **Ruscoe, W.A.**
Ellingsen, K.E., Clarke, K.R., Somerfield, P.J. & Warwick, R.M. Taxonomic distinctness as a measure of diversity applied over a large scale: the benthos of the Norwegian continental shelf, 1069
Elston, D.A. *see* **Nussey, D.H.**
Engen, S. *see* **Asbjørnsen, E.J.**
Engen, S., Lande, R., Sæther, B.-E. & Bregnballe, T. Estimating the pattern of synchrony in fluctuating populations, 601
Ergon, T. *see* **Loe, L.E.**
Erikstad, K.E. *see* **Sandvik, H.**
Evans, K.L., Greenwood, J.J.D. & Gaston, K.J. The roles of extinction and colonization in generating species–energy relationships, 498
Evans, S. *see* **Mougeot, F.**

Ferrière, R. *see* **Le Galliard, J.-F.**
Festa-Bianchet, M. *see* **Coulson, T.**
Fiksen, Ø., Eliassen, S. & Titelman, J. Multiple predators in the pelagic: modelling behavioural cascades, 423
Fitze, P.S. *see* **Tschirren, B.**
Fletcher Jr, R.J. Multiple edge effects and their implications in fragmented landscapes, 342
Foggo, A. *see* **McAbendroth, L.**
Fowler, S.V. *see* **Memmott, J.**
Freckleton, R.P., Gill, J.A., Noble, D. & Watkinson, A.R. Large-scale population dynamics, abundance–occupancy relationships and the scaling from local to regional population size, 353

Gaillard, J.-M. *see* **Coulson, T.**
Gaillard, J.-M. *see* **Loe, L.E.**
Gaillard, J.-M. *see* **Pettorelli, N.**
Gaston, A.J., Gilchrist, H.G. & Hipfner, J.M. Climate change, ice conditions and reproduction in an Arctic nesting marine bird: Brunnich's guillemot (*Uria lomvia* L.), 832
Gaston, K.J. *see* **Evans, K.L.**
Gaston, K.J. *see* **Williamson, M.**
Gese, E.M. *see* **Kitchen, A.M.**
Gibb, F.M. *see* **Wright, P.J.**
Gilbert, F.S. *see* **Behnke, J.M.**
Gilchrist, H.G. *see* **Gaston, A.J.**
Gill, J.A. *see* **Freckleton, R.P.**
Gill, J.A. *see* **Gunnarsson, T.G.**
Gillanders, B.M. *see* **Anderson, M.J.**
Gols, R., Bukovinszky, T., Hemerik, L., Harvey, J.A., Van Lenteren, J.C. & Vet, L.E.M. Reduced foraging efficiency of a parasitoid under habitat complexity: implications for population stability and species coexistence, 1059
Gosler, A.G. *see* **MacLeod, R.**
Grant, J.W.A. *see* **Imre, I.**
Gray, J.S., Bjørgesæter, A. & Ugland, K.I. The impact of rare species on natural assemblages, 1131
Greenwood, J.J.D. *see* **Evans, K.L.**
Griesser, M. *see* **Baglione, V.**
Grigg, G.C. *see* **Jonzén, N.**
Grindstaff, J.L., Demas, G.E. & Ketterson, E.D. Diet quality affects egg size and number but does not reduce maternal antibody transmission in Japanese quail *Coturnix japonica*, 1051
Groothuis, T.G.G. *see* **Müller, W.**
Guinet, C. *see* **Beauplet, G.**
Gulland, F.M.D. *see* **Tavecchia, G.**
Gunnarsson, T.G., Gill, J.A., Petersen, A., Appleton, G.F. & Sutherland, W.J. A double buffer effect in a migratory shorebird population, 965
Gurney, W.S.C. *see* **Bacon, P.J.**

Hails, R.S. *see* **Bonsall, M.B.**
Hamilton, J. *see* **Maclean, A.**
Harman, H.M. *see* **Memmott, J.**
Harvey, J.A. *see* **Gols, R.**
Harvey, J.A. *see* **Soler, R.**
Harwood, J. *see* **Matthiopoulos, J.**
Hazel, S. *see* **Carslake, D.**

© 2005 British Ecological Society,

Heaton, T.H.E. *see* **Birchall, J.**
Hebblewhite, M. Predation by wolves interacts with the North Pacific Oscillation (NPO) on a western North American elk population, 226
Hector, A. *see* **Otway, S.J.**
Hedges, R.E.M. *see* **Birchall, J.**
Hemerik, L. *see* **Gols, R.**
Hemson, G., Johnson, P., South, A., Kenward, R., Ripley, R. & McDonald, D. Are kernels the mustard? Data from global positioning system (GPS) collars suggests problems for kernel home-range analyses with least-squares cross-validation, 455
Herrmann, J. *see* **Bjelke, U.**
Hildrew, A.G. *see* **Stead, T.K.**
Hipfner, J.M. *see* **Gaston, A.J.**
Hobbs, N.T. *see* **Searle, K.R.**
Hogan, A. *see* **Lancaster, J.**
Holland, J.M. *see* **Winder, L.**
Holloway, G.J. *see* **Walls, S.S.**
Holway, D.A. *see* **Thomas, M.L.**
Hopcraft, J.G.C., Sinclair, A.R.E. & Packer, C. Planning for success: Serengeti lions seek prey accessibility rather than abundance, 559
Hoyle, M. Experimentally fragmented communities are more aggregated, 430
Hrušková, M. *see* **Pekár, S.**
Hudson, P.J. *see* **Mougeot, F.**
Humphries, M.M. *see* **Munro, D.**
Hunter, C.M. & Caswell, H. Selective harvest of sooty shearwater chicks: effects on population dynamics and sustainability, 589
Hunter, M.D. *see* **Price, P.W.**
Huntingford, F.A. *see* **MacLean, A.**
Huusko, A. & Hyvärinen, P. A high harvest rate induces a tendency to generation cycling in a freshwater fish population, 525
Hyvärinen, P. *see* **Huusko, A.**

Imre, I., Grant, J.W.A. & Cunjak, R.A. Density-dependent growth of young-of-the-year Atlantic salmon *Salmo salar* in Catamaran Brook, New Brunswick, 508
Isaac, J.L., Krockenberger, A.K. & Johnson, C.N. Adaptive sex allocation in relation to life-history in the common brushtail possum, *Trichosurus vulpecula*, 552

Jaksic, F.M. *see* **Arim, M.**
Jenkins, S.R. Larval habitat selection, not larval supply, determines settlement patterns and adult distribution in two chthamalid barnacles, 893
Johansson, F. *see* **Stoks, R.**
Johnson, C.N. *see* **Isaac, J.L.**
Johnson, D.M., Liebhold, A.M., Bjørnstad, O.N. & McManus, M.L. Circumpolar variation in periodicity and synchrony among gypsy moth populations, 882
Johnson, M.D., Sherry, T.W., Strong, A.M. & Medori, A. Migrants in Neotropical bird communities: an assessment of the breeding currency hypothesis, 333
Johnson, P. *see* **Hemson, G.**
Joly, D.O. & Messier, F. The effect of bovine tuberculosis and brucellosis on reproduction and survival of wood bison in Wood Buffalo National Park, 543
Jones, J. *see* **Barg, J.J.**
Jones, W. *see* **Bacon, P.J.**
Jonzén, N., Pople, A.R., Grigg, G.C. & Possingham, H.P. Of sheep and rain: large-scale population dynamics of the red kangaroo, 22
Jordan, F. *see* **Ruetz, C.R.**
Jost, C., Devulder, G., Vucetich, J.A., Peterson, R.O. & Arditi, R. The wolves of Isle Royale display scale-invariant satiation and ratio-dependent predation on moose, 809

Kacelnik, A. *see* **Ney-Nifle, M.**
Kania, W. *see* **Schaub, M.**
Karki, S.M. *see* **Kitchen, A.M.**
Karlsson, B. & Wiklund, C. Butterfly life history and temperature adaptations: dry open habitats select for increased fecundity and longevity, 99
Kast, T.L. *see* **Winkler, D.W.**
Kelton, M. *see* **Schreiber, S.J.**
Kenward, R. *see* **Hemson, G.**
Kenward, R.E. *see* **Walls, S.S.**
Ketterson, E.D. *see* **Grindstaff, J.L.**
Kissner, K.J. & Weatherhead, P.J. Phenotypic effects on survival of neonatal northern watersnakes *Nerodia sipedon*, 259
Kitchen, A.M., Gese, E.M., Waits, L.P., Karki, S.M. & Schauster, E.R. Genetic and spatial structure within a swift fox population, 1173
Klein, F. *see* **Loe, L.E.**
Klemola, T. *see* **Korpimäki, E.**
Köppen, U. *see* **Schaub, M.**
Korpimäki, E., Oksanen, L., Oksanen, T., Klemola, T., Norrdahl, K. & Banks, P.B. Vole cycles and predation in temperate and boreal zones of Europe, 1150
Krüger, O. Age at first breeding and fitness in goshawk *Accipiter gentilis*, 266
Krasnov, B.R. *see* **Vázquez, D.P.**
Kraus, C., Thomson, D.L., Künkele, J. & Trillmich, F. Living slow and dying young? Life-history strategy and age-specific survival rates in a precocial small mammal, 171
Krockenberger, A.K. *see* **Isaac, J.L.**
Kruuk, L.E.B. *see* **Nussey, D.H.**
Künkele, J. *see* **Kraus, C.**

Lallemand, J. *see* **Weimerskirch, H.**
Lalonde, R.G. Egg size variation does not affect offspring performance under intraspecific competition in *Nasonia vitripennis*, a gregarious parasitoid, 630
Lancaster, J., Bradley, D.C., Hogan, A. & Waldron, S. Intraguild omnivory in predatory stream insects, 619
Lande, R. *see* **Engen, S.**
Landers, T.J. *see* **Anderson, M.J.**
Langvatn, R. *see* **Loe, L.E.**
Lawton, J.H. *see* **Otway, S.J.**

© 2005 British Ecological Society,

Le Galliard, J.-F., Ferrière, R. & Clobert, J. Effect of patch occupancy on immigration in the common lizard, 241
Leckie, F. *see* **Mougeot, F.**
Lewis, J.W. *see* **Behnke, J.M.**
Liebhold, A.M. *see* **Johnson, D.M.**
Lingle, S., Pellis, S.M. & Wilson, W.F. Interspecific variation in antipredator behaviour leads to differential vulnerability of mule deer and white-tailed deer fawns early in life, 1140
Linnell, J.D.C. *see* **Asbjørnsen, E.J.**
Lockwood, J.L. *see* **Cassey, P.**
Loe, L.E., Bonenfant, C., Mysterud, A., Gaillard, J.-M., Langvatn, R., Klein, F., Calenge, C., Ergon, T., Pettorelli, N. & Stenseth, N.C. Climate predictability and breeding phenology in red deer: timing and synchrony of rutting and calving in Norway and France, 579
Loftus, W.F. *see* **Ruetz, C.R.**
Lubin, Y. *see* **Pekár, S.**

McAbendroth, L., Foggo, A., Rundle, S.D. & Bilton, D.T. Unravelling nestedness and spatial pattern in pond assemblages, 41
McDonald, D. *see* **Hemson, G.**
McLaren, I.S. *see* **Bacon, P.J.**
MacLean, A., Huntingford, F.A., Ruxton, G.D., Morgan, I.J., Hamilton, J. & Armstrong, J.D. Testing the assumptions of the ideal despotic distribution with an unpredictable food supply: experiments in juvenile salmon, 214
MacLeod, R., Barnett, P., Clark, J.A. & Cresswell, W. Body mass change strategies in blackbirds *Turdus merula*: the starvation–predation risk trade-off, 292
MacLeod, R., Gosler, A.G. & Cresswell, W. Diurnal mass gain strategies and perceived predation risk in the great tit *Parus major*, 956
McLoughlin, P.D., Dunford, J.S. & Boutin, S. Relating predation mortality to broad-scale habitat selection, 701
McManus, M.L. *see* **Johnson, D.M.**
Magrath, M.J.L. *see* **Woxvold, I.A.**
Maillard, D. *see* **Pettorelli, N.**
Mallory, M.A. & Richardson, J.S. Complex interactions of light, nutrients and consumer density in a stream periphyton–grazer (tailed frog tadpoles) system, 1020
Mappes, J. *see* **Niskanen, M.**
Marcos, J.M. *see* **Baglione, V.**
Martin, J. *see* **Weimerskirch, H.**
Mason, D.R. *see* **Owen-Smith, N.**
Matthiopoulos, J., Harwood, J. & Thomas, L. Metapopulation consequences of site fidelity for colonially breeding mammals and birds, 716
Medori, A. *see* **Johnson, M.D.**
Memmott, J., Craze, P.G., Harman, H.M., Syrett, P. & Fowler, S.V. The effect of propagule size on the invasion of an alien insect, 50
Messier, F. *see* **Joly, D.O.**
Metcalfe, J.D. *see* **Sims, D.W.**
Miki, T. *see* **Nakamura, M.**
Milinevsky, G. *see* **Møller, A.P.**
Møller, A.P., Mousseau, T.A., Milinevsky, G., Peklo, A., Pysanets, E. & Szép, T. Condition, reproduction and survival of barn swallows from Chernobyl, 1102
Morgan, B.J.T. *see* **Tavecchia, G.**
Morgan, I.J. *see* **MacLean, A.**
Moss, R. *see* **Mougeot, F.**
Mougeot, F., Piertney, S.B., Leckie, F., Evans, S., Moss, R., Redpath, S.M. & Hudson, P.J. Experimentally increased aggressiveness reduces population kin structure and subsequent recruitment in red grouse *Lagopus lagopus scoticus*, 488
Mouritsen, K.N. *see* **Thompson, R.M.**
Mousseau, T.A. *see* **Møller, A.P.**
Müller, W., Groothuis, T.G.G., Eising, C.M. & Dijkstra, C. An experimental study on the causes of sex-biased mortality in the black-headed gull – the possible role of testosterone, 735
Munro, D., Thomas, D.W. & Humphries, M.M. Torpor patterns of hibernating eastern chipmunks *Tamias striatus* vary in response to the size and fatty acid composition of food hoards, 692
Mysterud, A., Solberg, E.J. & Yoccoz, N.G. Ageing and reproductive effort in male moose under variable levels of intrasexual competition, 742
Mysterud, A. *see* **Loe, L.E.**

Nakamura, M., Utsumi, S., Miki, T. & Ohgushi, T. Flood initiates bottom-up cascades in a tri-trophic system: host plant regrowth increases densities of a leaf beetle and its predators, 683
Ney-Nifle, M., Bernstein, C., Reboreda, J.C. & Kacelnik, A. Population dynamics and avian brood parasitism: persistence and invasions in a three-species system, 274
Niskanen, M. & Mappes, J. Significance of the dorsal zigzag pattern of *Vipera latastei gaditana* against avian predators, 1091
Noble, D. *see* **Freckleton, R.P.**
Norrdahl, K. *see* **Korpimäki, E.**
Nussey, D.H., Clutton-Brock, T.H., Elston, D.A., Albon, S.D. & Kruuk, L.E.B. Phenotypic plasticity in a maternal trait in red deer, 387

O'Connell, T.C. *see* **Birchall, J.**
Ogutu, J.O. *see* **Owen-Smith, N.**
O'Hara, R.B. Species richness estimators: how many species can dance on the head of a pin?, 375
Ohgushi, T. *see* **Nakamura, M.**
Ohgushi, T. *see* **Price, P.W.**
Ohsaki, N. A common mechanism explaining the evolution of female-limited and both-sex Batesian mimicry in butterflies, 728
Oksanen, L. *see* **Korpimäki, E.**
Oksanen, T. *see* **Korpimäki, E.**

© 2005 British Ecological Society.

Otway, S.J., Hector, A. & Lawton, J.H. Resource dilution effects on specialist insect herbivores in a grassland biodiversity experiment, 234
Owen-Smith, N. & Mason, D.R. Comparative changes in adult vs. juvenile survival affecting population trends of African ungulates, 762
Owen-Smith, N., Mason, D.R. & Ogutu, J.O. Correlates of survival rates for 10 African ungulate populations: density, rainfall and predation, 774

Packer, C. *see* **Hopcraft, J.G.C.**
Pekár, S., Hrušková, M. & Lubin, Y. Can solitary spiders (Araneae) cooperate in prey capture?, 63
Peklo, A. *see* **Møller, A.P.**
Pellis, S.M. *see* **Lingle, S.**
Pemberton, J.M. *see* **Tavecchia, G.**
Perrott, J.K. *see* **Armstrong, D.P.**
Perry, J.N. *see* **Winder, L.**
Perry, S.A. *see* **Ruetz, C.R.**
Petersen, A. *see* **Gunnarsson, T.G.**
Peterson, R.O. *see* **Jost, C.**
Pettorelli, N., Gaillard, J.-M., Yoccoz, N.G., Duncan, P., Maillard, D., Delorme, D., Van Laere, G. & Toïgo, C. The response of fawn survival to changes in habitat quality varies according to cohort quality and spatial scale, 972
Pettorelli, N. *see* **Loe, L.E.**
Piersma, T. *see* **Van Gils, J.A.**
Piertney, S.B. *see* **Mougeot, F.**
Pilkington, J.C. *see* **Tavecchia, G.**
Pinaud, D. & Weimerskirch, H. Scale-dependent habitat use in a long-ranging central place predator, 852
Pople, A.R. *see* **Jonzén, N.**
Possingham, H.P. *see* **Jonzén, N.**
Poulin, R. *see* **Thompson, R.M.**
Poulin, R. *see* **Vázquez, D.P.**
Price, P.W. & Hunter, M.D. Long-term population dynamics of a sawfly show strong bottom-up effects, 917
Price, P.W., Roininen, H. & Ohgushi, T. Adaptive radiation into ecological niches with eruptive dynamics: a comparison of tenthredinid and diprionid sawflies, 397
Pysanets, E. *see* **Moller, A.P.**

Rabenold, K.N. *see* **Williams, D.A.**
Ramsey, D. & Veltman, C. Predicting the effects of perturbations on ecological communities: what can qualitative models offer?, 905
Reboreda, J.C. *see* **Ney-Nifle, M.**
Redpath, S.M. *see* **Mougeot, F.**
Richardson, B.A., Richardson, M.J. & Soto-Adames, F.N. Separating the effects of forest type and elevation on the diversity of litter invertebrate communities in a humid tropical forest in Puerto Rico, 926
Richardson, J.S. *see* **Mallory, M.A.**
Richardson, M.J. *see* **Richardson, B.A.**
Richner, H. *see* **Tschirren, B.**
Ripley, R. *see* **Hemson, G.**
Robertson, R.J. *see* **Barg, J.J.**
Roininen, H. *see* **Price, P.W.**
Romero, G.Q. & Vasconcellos-Neto, J. The effects of plant structure on the spatial and microspatial distribution of a bromeliad-living jumping spider (Salticidae), 12
Rosenzweig, M.L. *see* **Abramsky, Z.**
Roughgarden, J. *see* **Buckley, L.B.**
Rowe, G. & Beebee, T.J.C. Intraspecific competition disadvantages inbred natterjack toad (*Bufo calamita*) genotypes over outbred ones in a shared pond environment, 71
Roygard, J. *see* **Armstrong, D.P.**
Ruetz, C.R., Trexler, J.C., Jordan, F., Loftus, W.F. & Perry, S.A. Population dynamics of wetland fishes: spatio-temporal patterns synchronized by hydrological disturbance?, 322
Rundle, S.D. *see* **McAbendroth, L.**
Ruscoe, W.A., Elkinton, J.S., Choquenot, D. & Allen, R.B. Predation of beech seed by mice: effects of numerical and functional responses, 1005
Ruxton, G.D. *see* **MacLean, A.**

Sæther, B.-E. *see* **Asbjørnsen, E.J.**
Sæther, B.-E. *see* **Engen, S.**
Sait, S.M. *see* **Bonsall, M.B.**
Saladin, V. *see* **Tschirren, B.**
Sandvik, H., Erikstad, K.E., Barrett, R.T. & Yoccoz, N.G. The effect of climate on adult survival in five species of North Atlantic seabirds, 817
Saunders, J.E. *see* **Anderson, M.J.**
Schaub, M., Kania, W. & Köppen, U. Variation of primary production during winter induces synchrony in survival rates in migratory white storks *Ciconia ciconia*, 656
Schauster, E.R. *see* **Kitchen, A.M.**
Schenk, D., Bersier, L.-F. & Bacher, S. An experimental test of the nature of predation: neither prey- nor ratio-dependent, 86
Schmaljohann, H. & Dierschke, V. Optimal bird migration and predation risk: a field experiment with northern wheatears *Oenanthe oenanthe*, 131
Schmid, P.E. *see* **Stead, T.K.**
Schmid-Araya, J.M. *see* **Stead, T.K.**
Schreiber, S.J. & Kelton, M. Sink habitats can alter ecological outcomes for competing species, 995
Schwabl, H. *see* **Tschirren, B.**
Seabloom, E.W. *see* **Shurin, J.B.**
Searle, K.R., Vandervelde, T., Hobbs, N.T. & Shipley, L.A. Gain functions for large herbivores: tests of alternative models, 181
Senesac, P. *see* **Winkler, D.W.**
Shenbrot, G.I. *see* **Vázquez, D.P.**
Sherry, T.W. *see* **Johnson, M.D.**
Shipley, L.A. *see* **Searle, K.R.**
Shurin, J.B. & Seabloom, E.W. The strength of trophic cascades across ecosystems: predictions from allometry and energetics, 1029
Sims, D.W., Southall, E.J., Tarling, G.A. & Metcalfe, J.D. Habitat-specific normal and reverse diel vertical migration in the plankton-feeding basking shark, 755

© 2005 British Ecological Society,

Sinclair, A.R.E. *see* **Hopcraft, J.G.C.**
Solberg, E.J. *see* **Mysterud, A.**
Soler, R., Bezemer, T.M., Van Der Putten, W.H., Vet, L.E.M. & Harvey, J.A. Root herbivore effects on above-ground herbivore, parasitoid and hyperparasitoid performance via changes in plant quality, 1121
Somerfield, P.J. *see* **Ellingsen, K.E.**
Soto-Adames, F.N. *see* **Richardson, B.A.**
South, A. *see* **Hemson, G.**
Southall, E.J. *see* **Sims, D.W.**
Spaans, B. *see* **Van Gils, J.A.**
Stead, T.K., Schmid-Araya, J.M., Schmid, P.E. & Hildrew, A.G. The distribution of body size in a stream community: one system, many patterns, 475
Stenseth, N.C. *see* **Loe, L.E.**
Stoks, R., De Block, M., Van De Meutter, F. & Johansson, F. Predation cost of rapid growth: behavioural coupling and physiological decoupling, 708
Strong, A.M. *see* **Johnson, M.D.**
Sullivan, P.J. *see* **Winkler, D.W.**
Sutherland, W.J. *see* **Gunnarsson, T.G.**
Symondson, W.O.C. *see* **Winder, L.**
Syrett, P. *see* **Memmott, J.**
Szép, T. *see* **Møller, A.P.**

Tarling, G.A. *see* **Sims, D.W.**
Tavecchia, G., Coulson, T., Morgan, B.J.T., Pemberton, J.M., Pilkington, J.C., Gulland, F.M.D. & Clutton-Brock, T.H. Predictors of reproductive cost in female Soay sheep, 201
Telfer, S. *see* **Carslake, D.**
Thayer, T.C. & Vander Wall, S.B. Interactions between Steller's jays and yellow pine chipmunks over scatter-hoarded sugar pine seeds, 365
Thomas, D.W. *see* **Munro, D.**
Thomas, L. *see* **Matthiopoulos, J.**
Thomas, M.L. & Holway, D.A. Condition-specific competition between invasive Argentine ants and Australian *Iridomyrmex*, 532
Thompson, R.M., Mouritsen, K.N. & Poulin, R. Importance of parasites and their life cycle characteristics in determining the structure of a large marine food web, 77
Thomson, D.L. *see* **Kraus, C.**
Tinbergen, J.M. Biased estimates of fitness consequences of brood size manipulation through correlated effects on natal dispersal, 1112
Tinbergen, J.M. *see* **Both, C.**
Titelman, J. *see* **Fiksen, Ø.**
Toïgo, C. *see* **Pettorelli, N.**
Trexler, J.C. *see* **Ruetz, C.R.**
Trillmich, F. *see* **Kraus, C.**
Tschirren, B., Saladin, V., Fitze, P.S., Schwabl, H. & Richner, H. Maternal yolk testosterone does not modulate parasite susceptibility or immune function in great tit nestlings, 675
Ugland, K.I. *see* **Gray, J.S.**
Utsumi, S. *see* **Nakamura, M.**

Vázquez, D.P., Poulin, R., Krasnov, B.R. & Shenbrot, G.I. Species abundance and the distribution of specialization in host–parasite interaction networks, 946
Vahl, W.K. *see* **Van Gils, J.A.**
Van Belle, J. *see* **Van Gils, J.A.**
Van De Meutter, F. *see* **Stoks, R.**
Van Der Meer, J. *see* **Van Gils, J.A.**
Van Der Putten, W.H. *see* **Soler, R.**
Van Gils, J.A., Dekinga, A., Spaans, B., Vahl, W.K. & Piersma, T. Digestive bottleneck affects foraging decisions in red knots *Calidris canutus*. II. Patch choice and length of working day, 120
Van Gils, J.A., De Rooij, S.R., Van Belle, J., Van Der Meer, J., Dekinga, A., Piersma, T. & Drent, R. Digestive bottleneck affects foraging decisions in red knots *Calidris canutus*. I. Prey choice, 105
Van Laere, G. *see* **Pettorelli, N.**
Van Lenteren, J.C. *see* **Gols, R.**
Vander Wall, S.B. *see* **Thayer, T.C.**
Vandervelde, T. *see* **Searle, K.R.**
Vasconcellos-Neto, J. *see* **Romero, G.Q.**
Veltman, C. *see* **Ramsey, D.**
Vet, L.E.M. *see* **Gols, R.**
Vet, L.E.M. *see* **Soler, R.**
Vucetich, J.A. *see* **Jost, C.**

Waits, L.P. *see* **Kitchen, A.M.**
Waldron, S. *see* **Lancaster, J.**
Walls, S.S., Kenward, R.E. & Holloway, G.J. Weather to disperse? Evidence that climatic conditions influence vertebrate dispersal, 190
Warwick, R.M. *see* **Ellingsen, K.E.**
Wasson, M.F. *see* **Winkler, D.W.**
Watkinson, A.R. *see* **Freckleton, R.P.**
Weatherhead, P.J. *see* **Kissner, K.J.**
Weimerskirch, H. *see* **Pinaud, D.**
Weimerskirch, H., Lallemand, J. & Martin, J. Population sex ratio variation in a monogamous long-lived bird, the wandering albatross, 285
Wiklund, C. *see* **Karlsson, B.**
Williams, D.A. & Rabenold, K.N. Male-biased dispersal, female philopatry, and routes to fitness in a social corvid, 150
Williamson, M. & Gaston, K.J. The lognormal distribution is not an appropriate null hypothesis for the species–abundance distribution, 409
Wilson, W.F. *see* **Lingle, S.**
Winder, L., Alexander, C.J., Holland, J.M., Symondson, W.O.C., Perry, J.N. & Woolley, C. Predatory activity and spatial pattern: the response of generalist carabids to their aphid prey, 443
Winkler, D.W., Wrege, P.H., Allen, P.E., Kast, T.L., Senesac, P., Wasson, M.F. & Sullivan, P.J. The natal dispersal of tree swallows in a continuous mainland environment, 1080
Woolley, C. *see* **Winder, L.**
Woxvold, I.A. & Magrath, M.J.L. Helping enhances multiple components of reproductive success in the cooperatively breeding apostlebird, 1039

© 2005 British Ecological Society,

Wrege, P.H. *see* **Winkler, D.W.**
Wright, P.J. & Gibb, F.M. Selection for birth date in North Sea haddock and its relation to maternal age, 303
Wulff, J.L. Trade-offs in resistance to competitors and predators, and their effects on the diversity of tropical marine sponges, 313

Yoccoz, N.G. *see* **Mysterud, A.**
Yoccoz, N.G. *see* **Pettorelli, N.**
Yoccoz, N.G. *see* **Sandvik, H.**
Yom-Tov, J. *see* **Yom-Tov, Y.**
Yom-Tov, Y. & Yom-Tov, J. Global warming, Bergmann's rule and body size in the masked shrew *Sorex cinereus* Kerr in Alaska, 803
Youngson, A.F. *see* **Bacon, P.J.**

Ziv, Y. *see* **Abramsky, Z.**

FORUM

Stenseth, N.C. & Mysterud, A. Weather packages: finding the right scale and composition of climate in ecology, 1195
Mysterud, A. *see* **Stenseth, N.C.**

© 2005 British Ecological Society,